

SECRET 160955Z 60 14

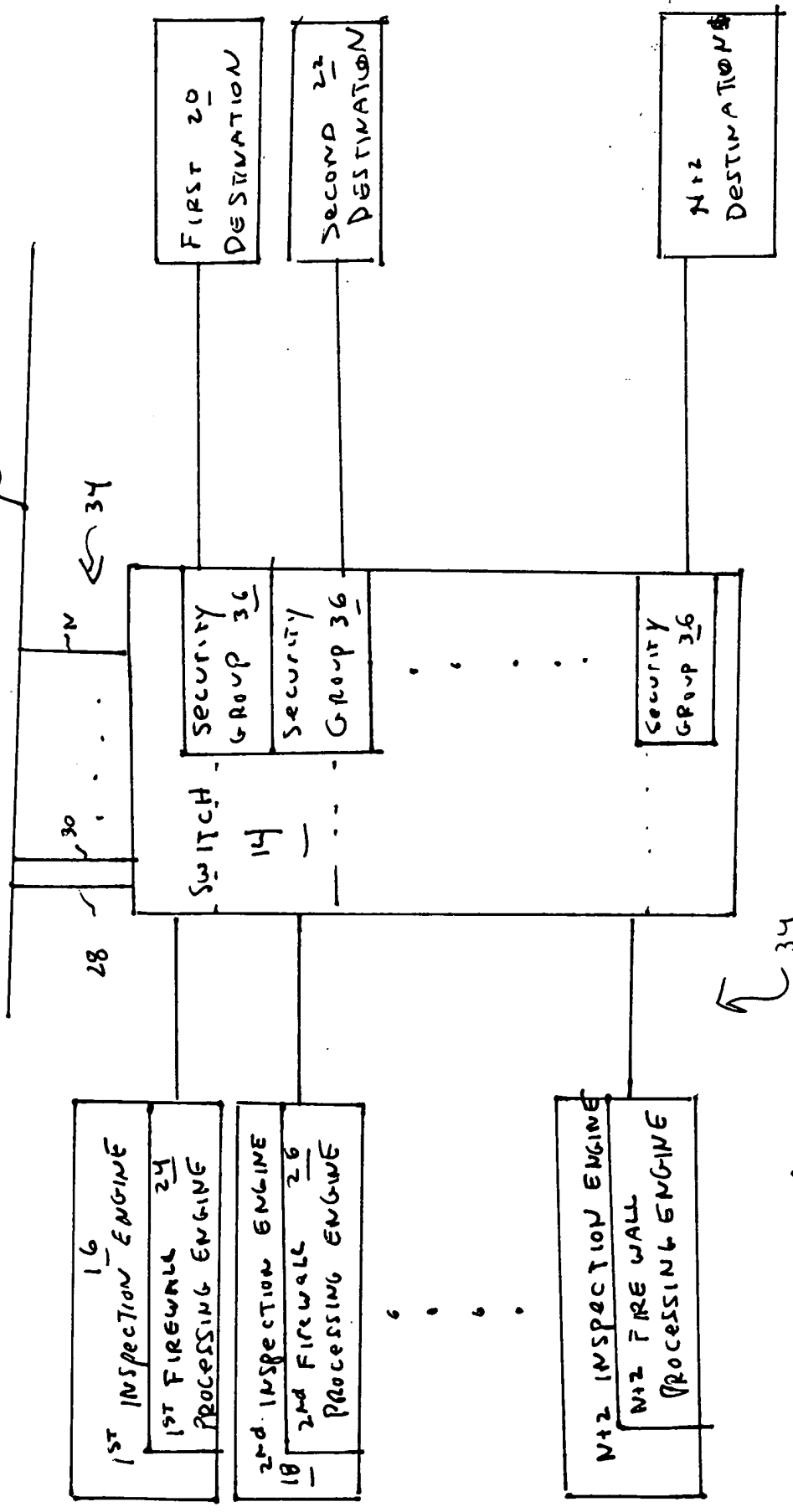


FIG- 1

The diagram illustrates a SYN Flood attack and its mitigation. It features three main components: Host A (left), a Switching Router (center), and Host B (right). The Switching Router is labeled with '14' and has four ports: P1, P2, P3, and P4. Host A is labeled with '12' and Host B with '32'. The attack sequence is as follows: 1. Host A sends a SYN packet to P1 of the Switching Router. 2. The Switching Router redirects the SYN packet to the Software Firewall (bottom) via P3. 3. The Software Firewall sends an 'Approved Connection' message back to the Switching Router via P4. 4. The Switching Router then sends a SYN packet to Host B via P2. 5. Host B sends an ACK packet back to the Switching Router. 6. The Switching Router forwards the traffic to Host A. The Software Firewall is labeled with '32'.

FIG 3

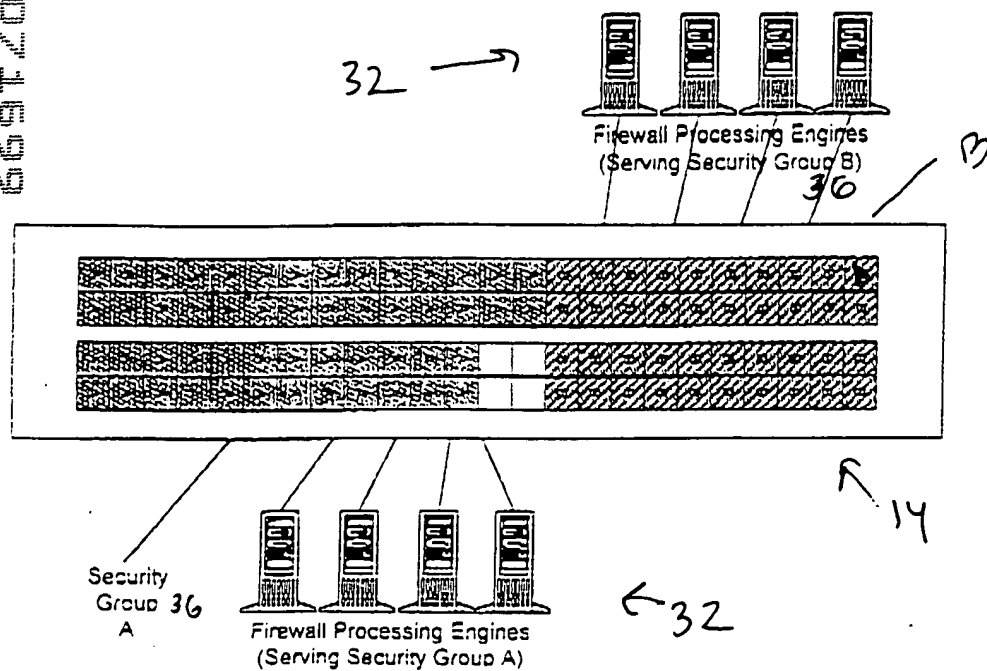


FIG 2